

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate report year generation study for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.


- ☐ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- ☐ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
City of Hesperia		San Bernardino County	
Authorized Signature 		Title	
Type/Print Name of Person Signing		Date	Phone () Include Area Code
Mike Podgracz		1-13-06	(760) 947-1438
Person Completing This Form (please print or type)		Title	
Julie Ryan		Environmental Programs Coordinator	
Affiliation:	Staff Member		
Mailing Address		City	State ZIP Code
15776 Main Street		Hesperia	CA 92345
E-Mail Address			

Section II: Information for New Generation-Based Study for Existing or New Base Year	
Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").	
Note: New base years must be representative of a jurisdiction's disposal and diversion.	
1. Current Board-approved existing base year:	2. Proposed new generation-based study year:
1990	2004
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:	
The original 1990 base-year figures have become out-dated data. The information utilized in this New Base Year request is based on current data obtained directly from hauler records, DRS reporting system, City recycling programs, and recently conducted waste audits & surveys. All calculations used to quantify data collected from waste audits resulted from CIWMB approved conversion factors, and no extrapolation of data was performed.	

4. Enter diversion rate information below.			
Diversion rate calculated using existing base year	a. 46 %	Diversion rate calculated using new generation-based study	b. 58%
Existing base year pounds/person/day based on generation	9.49	New generation based study pounds/person/day based on generation	12.33
Existing base year:		New generation based study:	
Residential generation 57 %	Non-Residential generation 43 %	Residential generation 36 %	Non-Residential generation 64 %
Population existing generation-based study 50418		Population new generation-based study 70744	
5. Please explain how the new diversion rate is consistent with your current diversion implementation efforts and also explain the specific reasons for the difference.			
The new diversion rate is consistent with the City's diversion implementation efforts due to a population growth and the City's continual efforts to increase diversion programs and community awareness. An asphalt recycling program, as part of the City's pavement rehabilitation program, was developed in 1999 along with the City's water pipeline replacement program. The pipeline replacement program includes many items diverted such as brass water meters, old steel water pipes, and miscellaneous scrap metal. These recycling programs in addition to the strong efforts to increase efficiency and awareness regarding buyback centers, City-wide greenwaste and grasscycling programs, and classroom curriculum through literature and numerous outreach efforts have all lead to the increase in the diversion figures. This new base year figure includes many diversion sources that were not representative of the original base-year figures. The population of the City has increased by nearly 40.3%, which in a community of this size can be evidence towards the increase in generation. In addition, business activity in the non-residential sector has seen an increase of 43.6% in taxable sales since 1990.			
6. If the proposed new generation tonnage results in an increase in your pounds per day, please explain how this is consistent with your current diversion implementation efforts and provide examples (e.g., change in jurisdiction's demographics). In addition, If your pounds per person is over the state average of 11.2 pounds, please explain why.			
The City's new generation tonnage does result in an increase in the pounds per day due to the heavy weight of the non-residential and C&D materials being diverted as well as the 40.3% increase in population. The City of Hesperia incorporated in 1988 and had many substandard streets and inadequate water systems that needed repair or replaced in order to accommodate the residents and businesses of the City. In the 1990s the Board approved the base year as representative of that time period. However, since the City has grown in population, building, and new businesses, infrastructure improvements were needed. With these changes brings additional solid waste and greater need for diversion programs.			

Section III - Disposal and Diversion Information			
1. Disposal Tonnage (enter values):	37659	28409	66068
	Residential	Non-Residential	Total
Please select the ONE choice below that best explains your disposal data and complete the required tables.			
<input checked="" type="checkbox"/> a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Number 2.) <input type="checkbox"/> b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc and submit with <input type="checkbox"/> c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc and submit with the new bas year			

2. In the table below, list the summarized diversion activities, tonnages, material types, actual or conversion factors, and diversion data records that support your claim and are available for Board verification. **Note: The Board expects the jurisdiction to be able to provide all back-up documentation, if requested.** Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition and percentage calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt, white goods, and scrap metal,] you must identify those programs and waste types and complete Section VI. Survey forms for the top ten businesses must be included as an attachment with the generation study year and should be identified as Attachment IVa.
(Note: The Board has indicated that total source reduction amounts greater than five percent will be scrutinized. Please be prepared to substantiate the amounts.)

Note: Detailed Non-Residential waste audit information for the top ten businesses surveyed must be included in Section IV.

<http://www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm>

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm	(A)	(A/Total Generation)			
Residential Source Reduction Activities					
Backyard composting					
Grasscycling					
Other Residential Source Reduction (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Source Reduction	0	0%			
Residential Recycling Activities					
Curbside Recycling					
Buyback Centers	1613	1%	CRV Containers	Actual tons	DOC Records
Drop-off Centers					

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Other Residential Recycling (list each program separately)					
Residential Recycling Activities	2835	2%	Newspaper, OCC, mixed paper, wht goods, wood	Actual tons	Hauler's Records & Recycling Center
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Recycling	4448	3%			
Residential Composting Activities					
Green Waste Drop-off					
Curbside Green Waste	1739	1%	Greenwaste	Actual tons	Hauler's Records
Christmas Tree Program	1	0%	Greenwaste	Actual tons	Hauler's Records
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	1740	1%			
Subtotal, Residential Diversion	6188	4%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits	13	0%	Detailed information must be included in Section V	Detailed information must be included in Section V	Detailed information must be included in Section V
Other Non-Residential Source Reduction (list each program separately)					
Xeriscaping/Grasscycling	248	0%	Park District grasscycling	32.6 acres of City parks(7.6 tons/acre/year)-CIWMB	Park District Records
Xeriscaping/Grasscycling	689	0%	Hesperia school district grasscycling	90.60 acres of school grounds(7.6 tons/acre/year)-CIWMB	School Maintenance Records
Xeriscaping/Grasscycling	724	0%	Hesperia Golf Course grasscycling	95.23 acres of golf course(7.6 tons/acre/year)-CIWMB	Park District Records
Enter program name					
Enter program name					
Subtotal, Non-Residential Source Reduction	1674	1%			

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: www.ciwm.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Non-Residential Recycling Activities:					
Non-Residential Waste Audits	24397	15%	Detailed information must be included in Section V	Detailed information must be included in Section V	Detailed information must be included in Section V
Other Non-Residential Recycling (list each program separately)					
Rendering	110	0%	Bone/scrap	220,000 lbs sent to D&D Services	Company records
Commercial Collection	2128	1%	Newspaper, OCC, mixed paper, wht goods, wood	Actual tons	Hauler's Records
Commercial Collection	7	0%	School District mixed paper recycling	Actual tons	Hauler's Records
Commercial Collection	4	0%	City Hall mixed paper recycling	Actual tons	Hauler's Records
Commercial Collection	2	0%	City Hall document shredding & recycling	Actual tons	Shredding Company's Invoice
Subtotal Non-Residential Recycling	26647	17%			
Non-Residential Composting Activities					
Non-Residential Waste Audits	779	0%	Detailed information must be included in Section V	Detailed information must be included in Section V	Detailed information must be included in Section V
Other Non-Residential Composting (list each program separately)					
Composting/Mulching	32	0%	Park District planter mulching	4.25 acres of park planters(7.6 tons/acre/year)-CIWMB	Park District Records
Composting/Mulching	82	0%	HUSD planter mulching	10.77 acres of school planters(7.6 tons/acre/year)-CIWMB	School Maintenance Records
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	893	1%			
Subtotal Non-Residential Diversion	29214	18%			
Other Diversion Activities					
(Note: If you are unable to provide the actual residential/non-residential split, please provide your best estimates of the split in each program type or put all the diversion under non-residential.)					
Residential					
ADC	7089	4%	Greenwaste, wood, C&D	Actual tons	DRS Report
Sludge (must submit sludge cert form)					
Scrap Metal	6024	4%	Water pipeline/meter/signs replacement program	Actual tons	Weigh Ticket
Construction and Demolition					
Landfill Salvage					
Other (e.g., ag waste)					
Subtotal Residential Waste	13113	8%			

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Non-Residential					
ADC					
Sludge (must submit sludge cert form)					
Scrap Metal					
Construction and Demolition	44203	28%	Asphalt from City's Road Rehabilitation Program	Total project quantity	City Engineering Department & CIP
Landfill Salvage	348	0%	Mixed household recyclables, metal, OCC	Actual tons	DRS Report
Other (e.g., ag waste)					
Subtotal Non-Residential Waste	44551	28%			
Subtotal Residential/ Non-Residential Other Diversion	57664	36%			
Total Residential/Non-Residential Source Reduction Tons	1674	1%			
Total Diversion Tons	93066	58%			
Total Disposal Tons from Number 1	66068	42%			
Total Generation Tons (Div+Dis)	159134				
NEW GENERATION STUDY DIVERSION RATE	58%				
Additional Information for Report Year Calculations - Biomass and Transformation Activities (Note: you cannot claim both biomass and transformation.)					
Biomass (must submit biomass cert form and must be 10% or less of generation-- use the calculator to calculate)					
Transformation					
Report Year Diversion Rate with Biomass or Transformation Credit					

Section IV - Specific Non-Residential Sector Waste Audits

Top 10 Non-Residential Generators

Please complete this table for the top ten non-residential businesses that were surveyed. **Use the business type in lieu of the specific business name** (e.g., grocery store vs. Bestway Grocery Store) List each non-residential business separately from largest to smallest, based on total diversion tons. Audit reference number should be the same number used to identify businesses on the survey/audit sheets, and must be identical to the data in the Section V spreadsheet.

Audit Reference Number	Type of Non-Residential Generator	Include Material Type (e.g., paper, grasscycling). (List materials on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section III)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
12	Recycling Center	Scrap Metal, OCC, Newspaper		18661		18660.76	11.7%	
9	Recycling Center	Scrap Metal, OCC, Newspaper		3148		3147.95	2.0%	
6	Grocery	OCC, Plastic		802		801.6	0.5%	
87	Landscaper	Greenwaste			462	461.53	0.3%	
28	Manufacturing	Wood		461		461.3	0.3%	
30	Manufacturing	Wood		265		265	0.2%	
14	Recycling/Manufacturing	Asphalt, Concrete		252		252.29	0.2%	
47	Grocery	OCC, Compost, Rendering, Food Banks, Plastic, Scrap Metal, Wood	3	154	83	239.61	0.2%	
86	Landscaper	Greenwaste			235	234.77	0.1%	
31	Manufacturing	Wood		201		201.25	0.1%	
Totals			2.97	23944.27	778.82	24726.06	15.5%	

Use the type of business and audit reference number in lieu of the specific business name. For each business include the diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors and sources. Copies of the audit survey form(s) for each of the top ten businesses should be included as an attachment. Click on the Section Button to add a section for another generator (ten rows and a subtotal row added to the table for each new generator). If you have any questions, please contact your OIR Representative at (916) 341-6199.

Non-Residential Generator Audit Diversion

Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
3	Retail	Tires	Conversion Factor (CIWMB Table)		65.82		65.82
			6,582 tires collected by Lakin @				
			avg 40 lb/tire and approx 50%				
			recycled into crumb rubber.				
			(Company records)				
Subtotal -				0	65.82	0	65.82
5	Grocery	OCC	Conversion Factor (corp calc using		17.32		17.32
		Food Banks	area avg and store size/volume)	7.95			7.95
		Rendering			3.46		3.46
		Plastic			3.62		3.62
Subtotal -				7.95	24.4	0	32.35
6	Grocery	OCC	Conversion(corp divides recycling		789		789
		Plastic	numbers equally to all stores)		12.6		12.6
Subtotal -				0	801.6	0	801.6

Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
9	Recycling Center	Scrap Metal	Actual(company reports)		3131.35		3131.35
		OCC	Actual(company reports)		16.36		16.36
		ONP	Actual(company reports)		0.24		0.24
Subtotal -				0	3147.95	0	3147.95
12	Recycling Center	Scrap Metal	Actual(co tonnage report)		18312.02		18312.02
		OCC	Actual(co tonnage report)		270.65		270.65
		Newspaper	Actual(co tonnage report)		78.09		78.09
Subtotal -				0	18660.76	0	18660.76
14	Recycling/Manuf	Asphalt	Actual(co invoice register)		77.93		77.93
		Concrete	Actual(co invoice register)		174.36		174.36
Subtotal -				0	252.29	0	252.29
19	Office Building	Paper	Actual(co records)		4.21		4.21
Subtotal -				0	4.21	0	4.21

Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
27	Manufacturing	Wood	Conversion Factor (Co inv record)		46.13		46.13
			tonnage based on 13,180 lbs/40cy				
			container x 7 loads picked up				
			(CIWMB conversion table used)				
Subtotal -				0	46.13	0	46.13
28	Manufacturing	Wood	Conversion Factor (Co invoices)		461.3		461.3
			tonnage based on 13,180 lbs/40cy				
			container x 70 loads picked up				
			(CIWMB conversion table used)				
Subtotal -				0	461.3	0	461.3
30	Manufacturing	Wood	Conversion Factor (Co invoices)		265		265
			tonnage based on 5 tons/load				
			x 53 loads picked up				
			(CIWMB conversion table used)				
Subtotal -				0	265	0	265
31	Manufacturing	Wood	Conversion Factor (Co invoices)		201.25		201.25
			tonnage based on 5.75 tons/load				
			x 35 loads picked up				
			(CIWMB conversion table used)				
Subtotal -				0	201.25	0	201.25

Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
39	Retail	Tires	Conversion Factor (CIWMB Table)		47.74		47.74
			6,365 tires collected by Lakin @				
			avg 30 lb/tire and approx 50%				
			recycled into crumb rubber.				
Subtotal -				0	47.74	0	47.74
40	Retail	Tires	Conversion Factor (CIWMB Table)		38.87		38.87
			5,182 tires collected by Lakin @				
			avg 30 lb/tire and approx 50%				
			recycled into crumb rubber.				
Subtotal -				0	38.87	0	38.87
45	Retail	OCC	Actual(Weyerhaeuser shipping report)		123.21		123.21
Subtotal -				0	123.21	0	123.21
47	Grocery	OCC	Conversion Factor(diversion		119.19		119.19
		Compost	numbers calc as percent of			82.52	82.52
		Rendering	total store sales:percent applied		15.32		15.32
		Food Banks	to total recycling tons)	2.97			2.97
		Plastic			5.16		5.16
		Scrap Metal			1.63		1.63
		Wood (pallets)			12.82		12.82
Subtotal -				2.97	154.12	82.52	239.61

Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
52	Office Building	Paper	Actual(co records)		6.97		6.97
Subtotal -				0	6.97	0	6.97
85	Retail	OCC	Conversion Factor (corp calc using		4.5		4.5
		Food Banks	area avg and store size/volume)	2.07			2.07
Subtotal -				2.07	4.5	0	6.57
86	Compost/Landscaping	Greenwaste	Actual (company records)			234.77	234.77
Subtotal -				0	0	234.77	234.77
87	Compost/Landscaping	Greenwaste	Actual(company records)			461.53	461.53
Subtotal -				0	0	461.53	461.53
46	Bank	Paper	Actual		3.8		3.8

[illegible]

Section VI - Restricted Waste

For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program or generator, please provide the following information:

Insert 1

1. If the diversion program started on or after January 1, 1990, complete the following table.

Note: *Specific Program Name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept."). Please input the complete program name with business type if appropriate. If you need to add additional programs, insert a row by clicking on the button for that section.*

Restricted Waste Type	Audit Reference Number	Specific Program Name	Year Started	Generation Study Diversion Tonnage
Inert Solids	City	City's Pavement Rehabilitation Program	1999	44203
Inert Solids	14	Concrete/Asphalt recycled through the Public Works Dept.	1996	252
Scrap Metal	9	Scrap Metal salvage at processing centers	1994	3131
Scrap Metal	12	Scrap Metal salvage at processing centers	1994	18312
Scrap Metal	City	City's Pipeline Replacement Program	1999	6024
Scrap Metal	MRF	White Goods salvage at MRF	1992	630

2. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board, on a separate sheet marked "Attachment Section VI. 2", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).

- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note:** this criterion is applicable to individual programs (PRC sec 41781.2(c)(2). Please include documentation.

- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

Note: *If documentation for a waste type and program has already been approved by the Board, you do not have to provide an "Attachment Section VI.2" for that waste type and program.*

Instead please provide date of Board approval of previously submitted information. _____ (Date)

If documentation is not available, go to Number 4.

Insert 3

3. If the diversion program started before January 1, 1990, and the documentation requested in Section VI.2" is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Audit Reference Number	Specific Program Name	Generation Study Diversion Tonnage
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			
Pull Down for Waste Types			

4. If the diversion program started before January 1, 1990, and the documentation requested in Section VI.2 is not available, complete the table below for each program claimed:

Ins 4

Restricted Waste Type	Audit Reference Number	Specific Program Name	Specific Program Generation Study Diversion Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types					
Pull Down for Waste Types					
Pull Down for Waste Types					
Pull Down for Waste Types					